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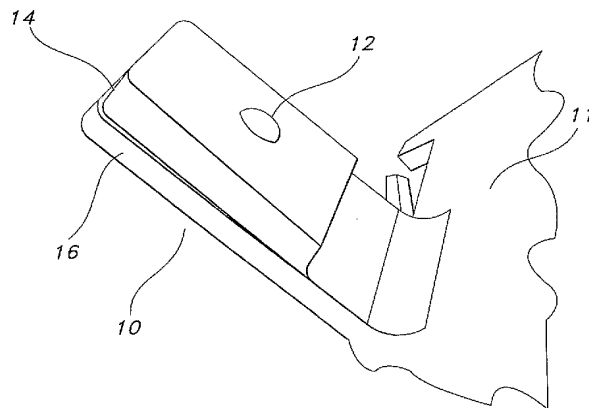
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(54) Title: QUICK DISCONNECT AND REPOSITIONABLE REFERENCE FRAME FOR COMPUTER ASSISTED SURGERY



(57) Abstract: Devices and processes for use in computer aided or computer navigated surgery include one or more registering and securing mechanisms or, alternatively, one or more adjustable locking structures interposed between an indicium and an item to be used during surgery such as a body part, tool, implant, trial or other structure or component. After the indicia have been registered into the system and surgery, begun, it is sometimes desirable to remove and reattach the indicia for better access to the surgical sight, to avoid contamination of the indicia, or to accommodate other surgical needs. Registering and securing mechanisms according to various embodiments are designed to be easily removable and accurately reattached so that the indicia can be repositioned relative to the item without the need to register the Indicia into the system relative to the item. The registering and securing mechanism preferably include structure that allows the indicia to be repositioned relative the item in only one position and orientation, the position and orientation in which it was registered into the system originally.



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